

Sf-9 Cell
Extract:

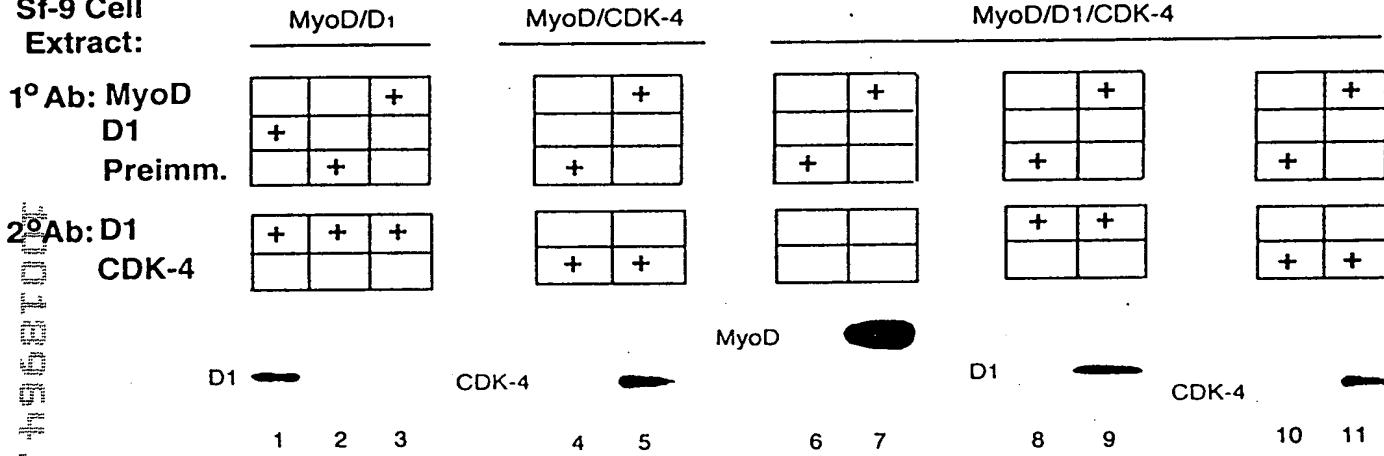


FIG. 1

10/04/8964

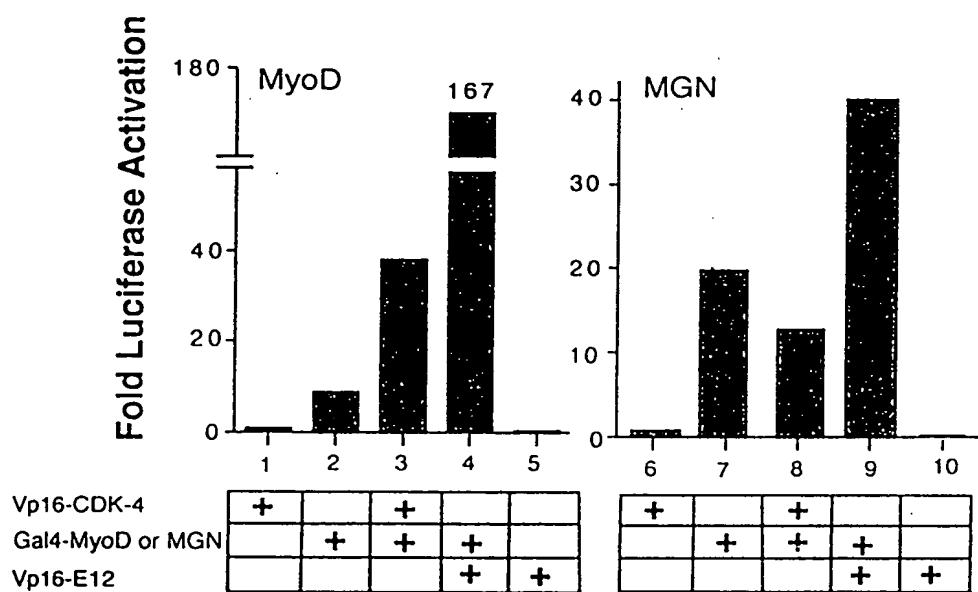


FIG. 2

1° Ab: CDK-4

MyoD

IgG

	+	
		+
+		

+			
		+	+
	+		

2°Ab: CDK-4

MyoD

IgG

	+	
		+
+		

+	+	+	
			+

³⁵S-MyoD

³⁵S-CDK-4

1 2 3 4 5 6 7

FIG. 3

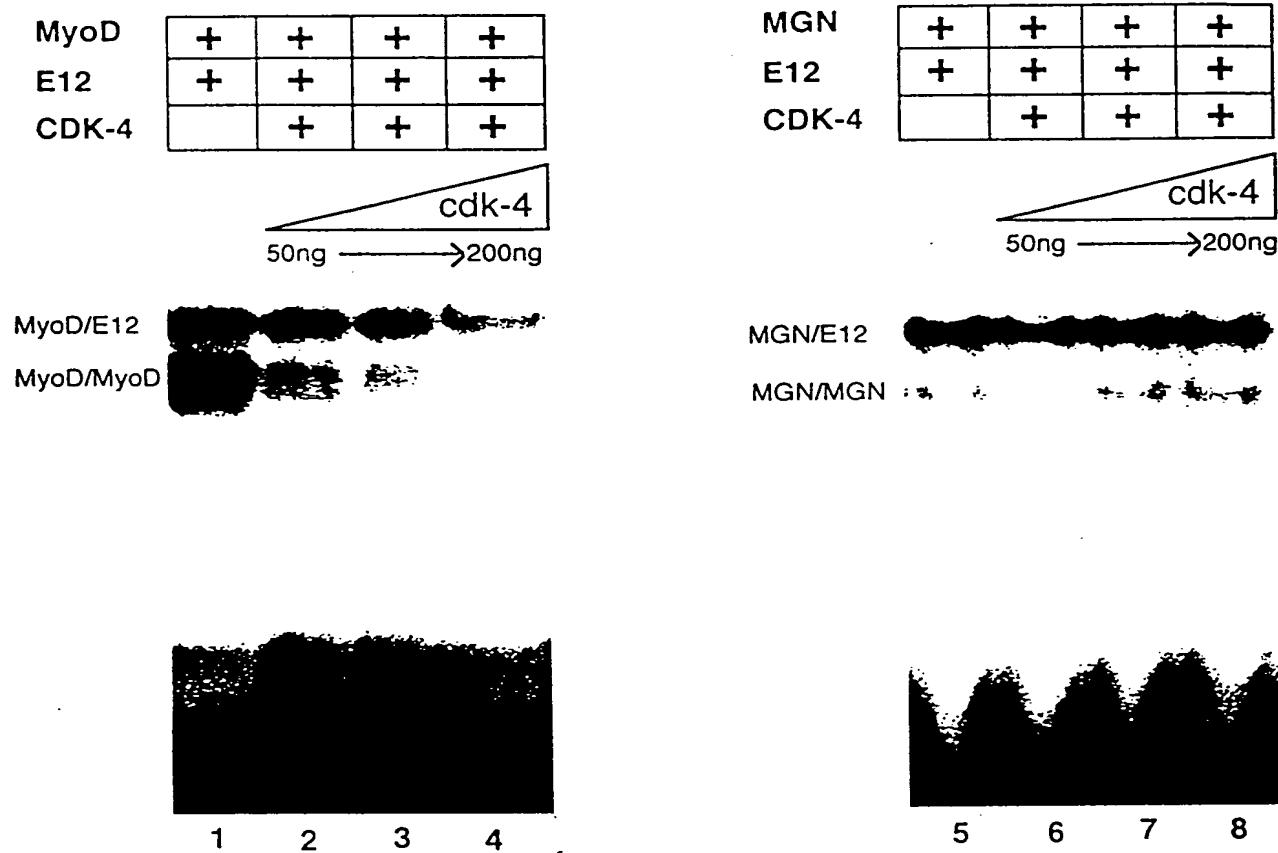


FIG. 4

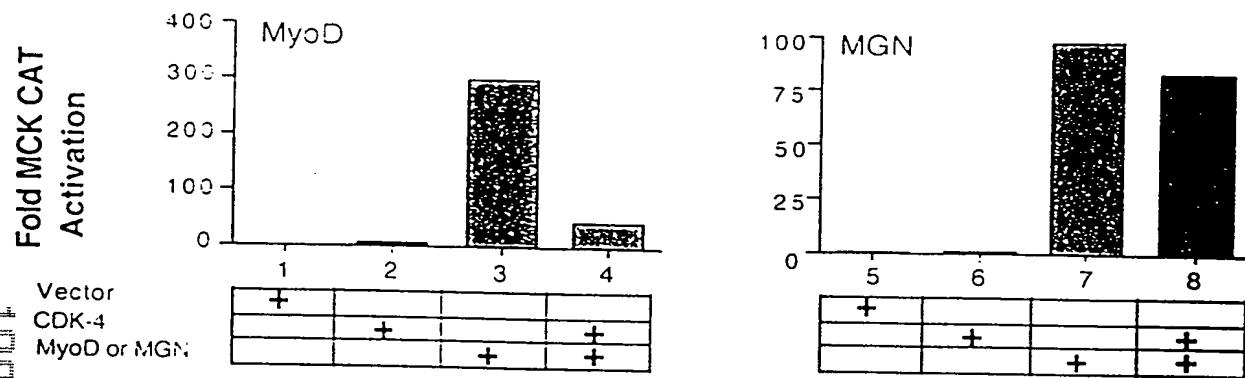


FIG. 5

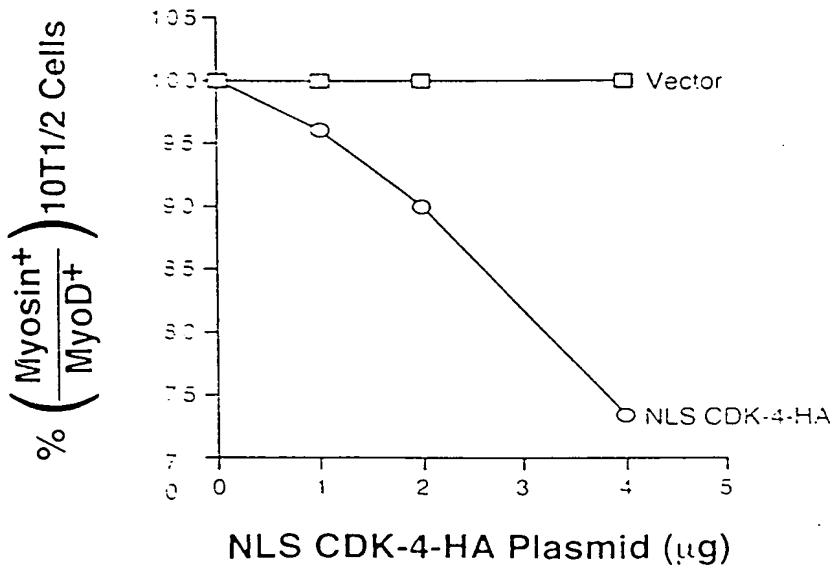


FIG. 6

10/018964

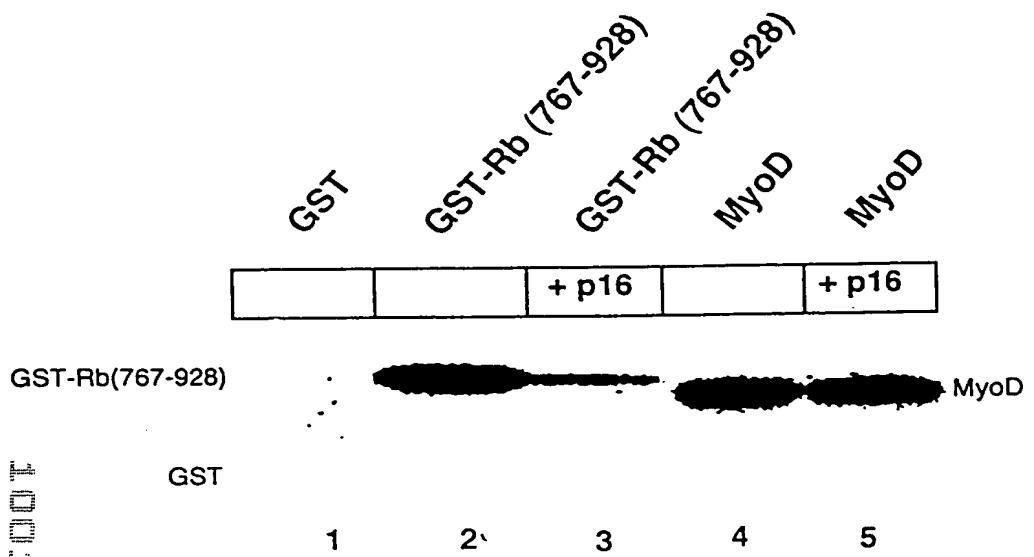


FIG. 7

J. O. COLLEGE LIBRARY

A

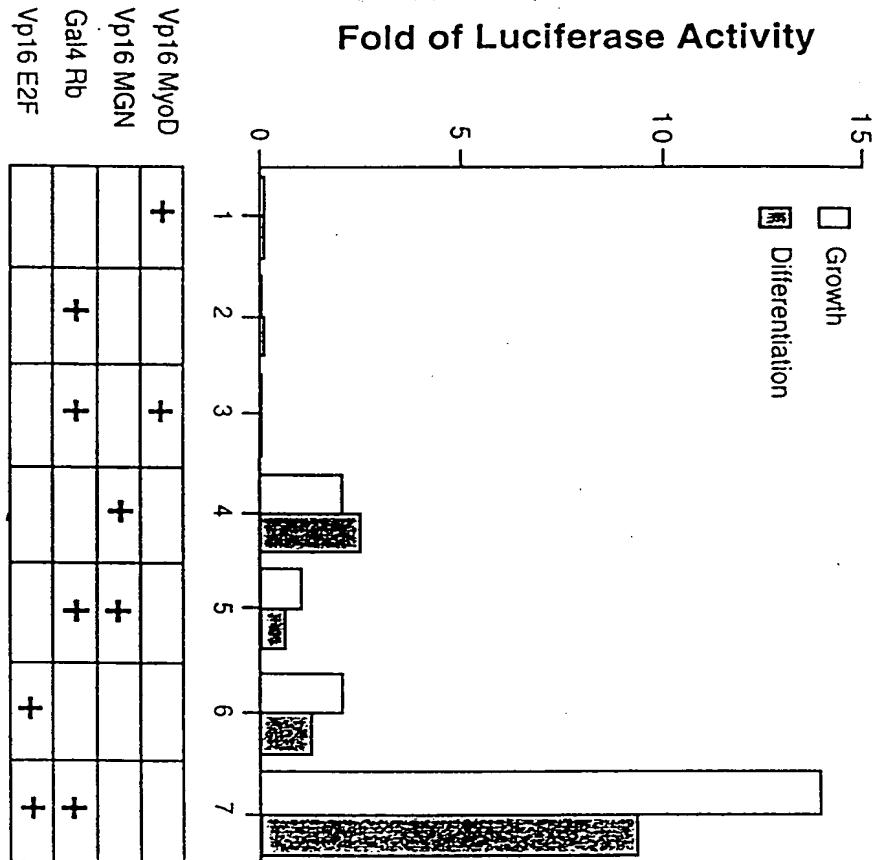
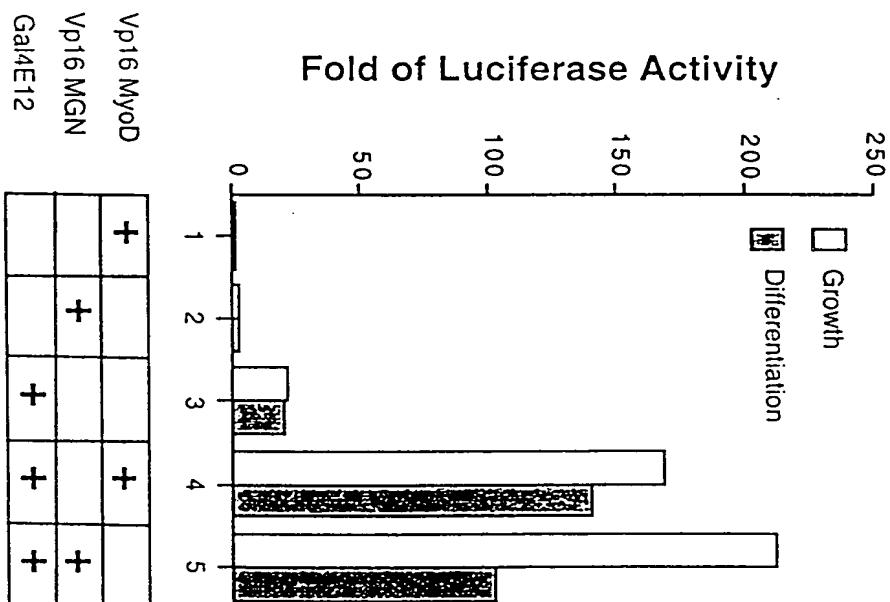


FIG. 8



B

GST-CMD

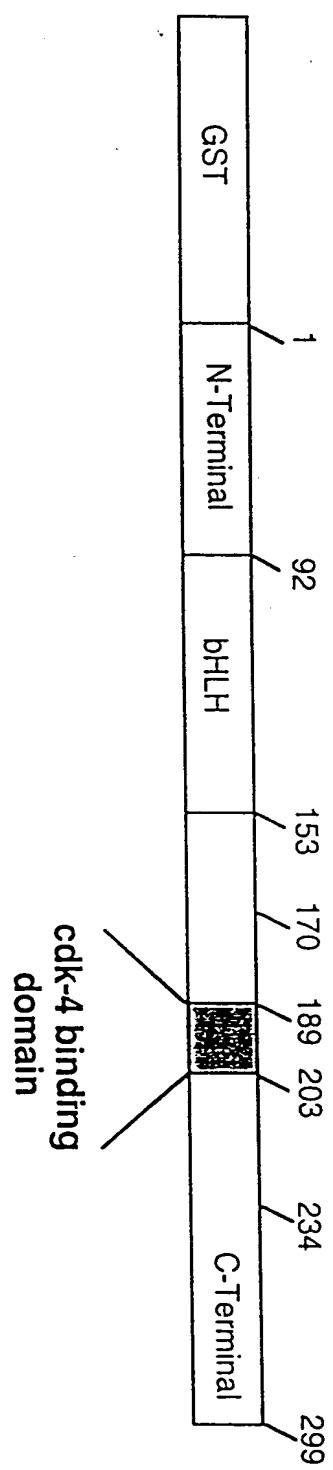
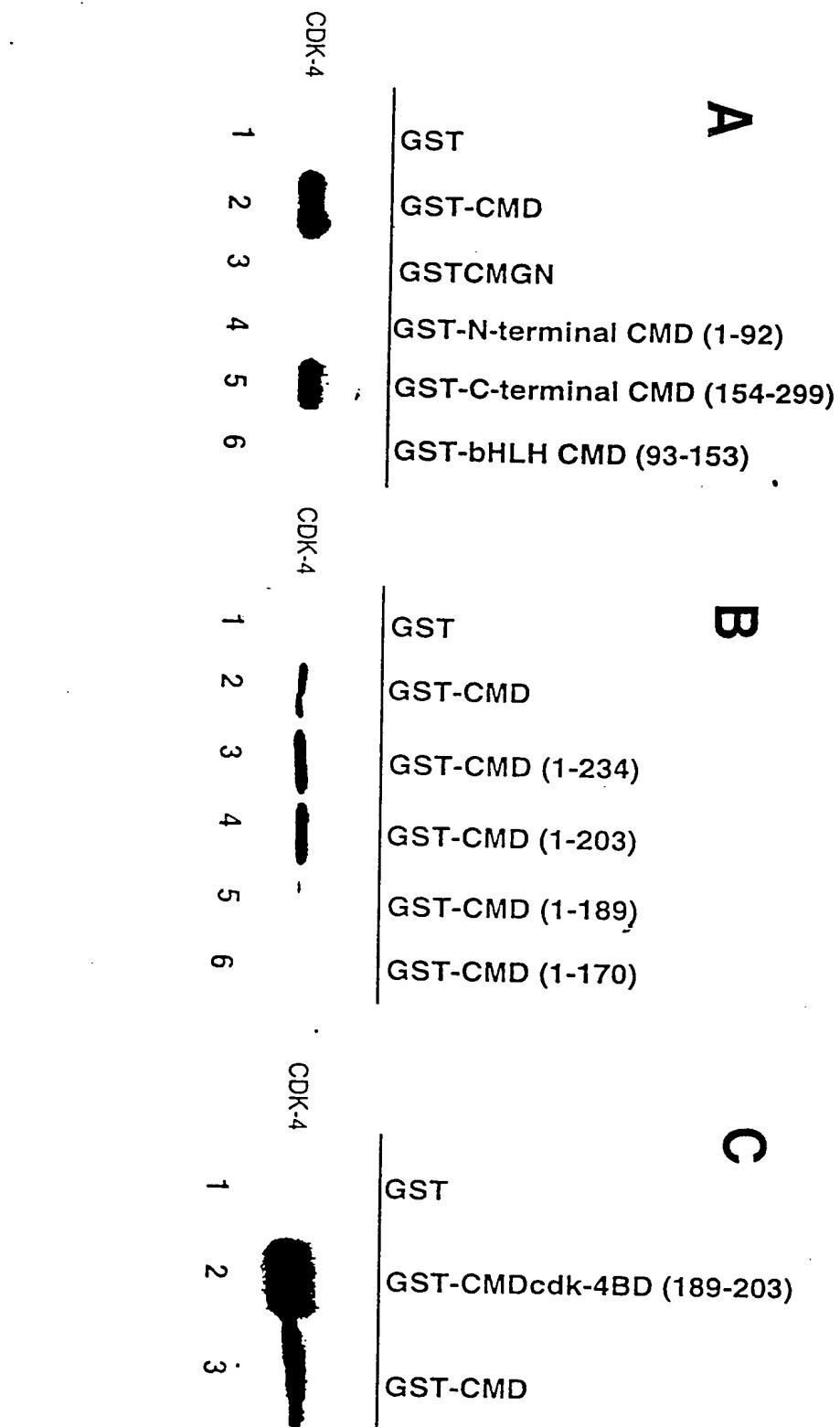


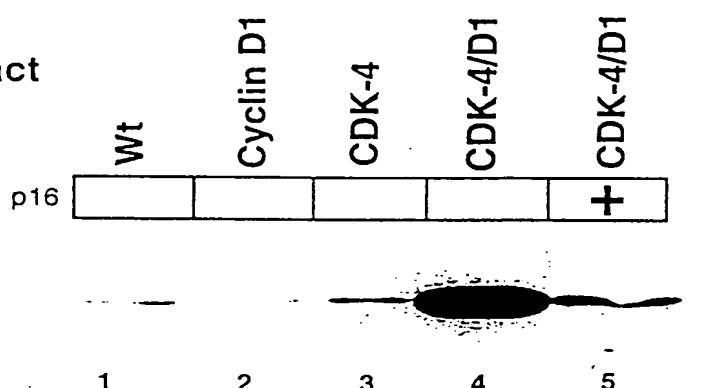
FIG. 9

FIG. 10



A

sf-9 Cell Extract
(64 ng)



B

Proteins

75ng → 300ng

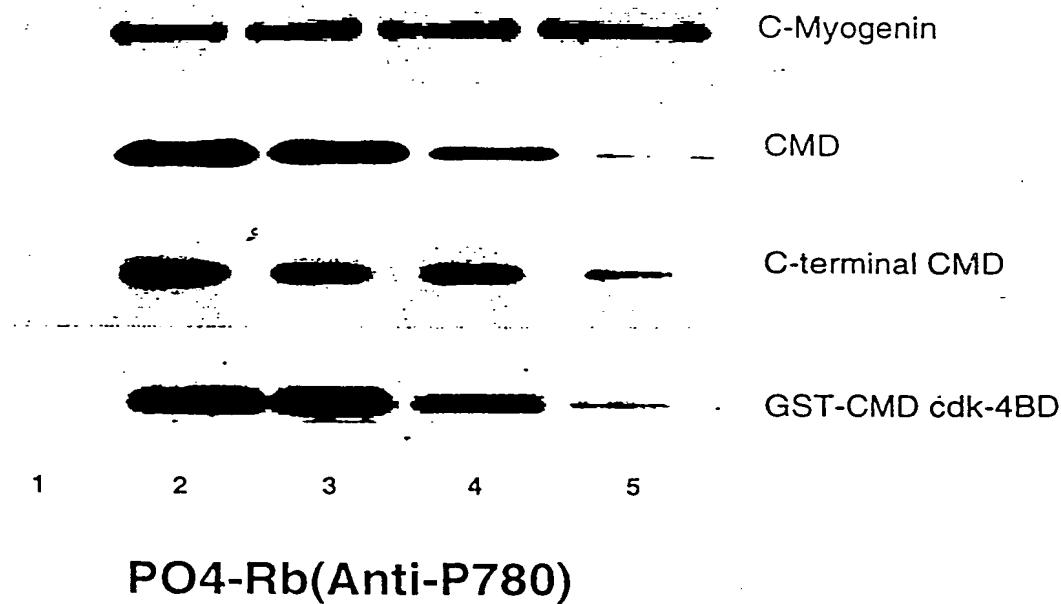


FIG. 11

CDK-4
Binding

CDK aa	No. BrdU+ Cells 500 β -gal+ Cells (n=6)	%Inhibition
Vector	88.4 \pm 6.2	0 %
+	37.1 \pm 4.2	58 %
-	86.8 \pm 4.8	2 %
bHLH	93-153	34 %
+	46.9 \pm 6.4	47 %
-	153-299	
GST	1-92	96.7 \pm 5.9
N-CMD	189-203	0 %
+		57.4 \pm 4.3
		41 %

FIG. 12

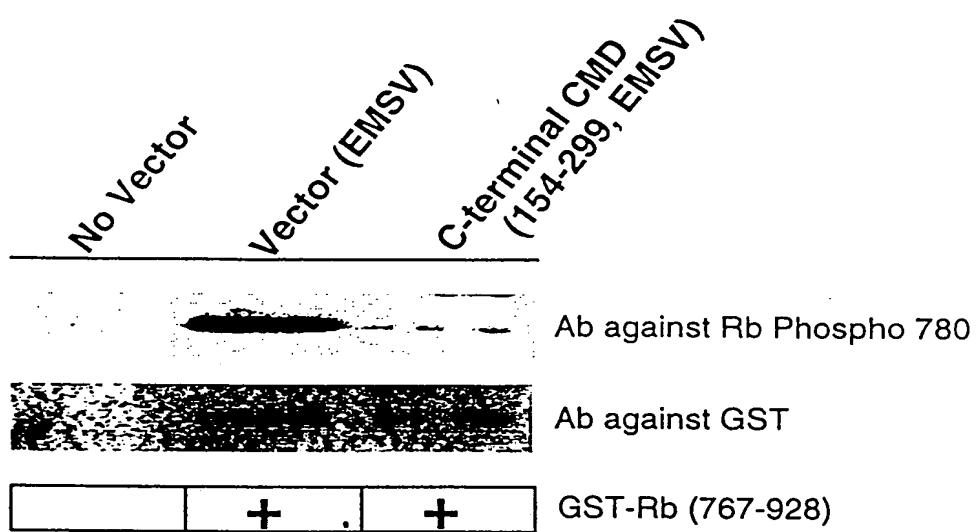


FIG. 13

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SPECIES

PEPTIDE SEQUENCE

Chicken	YSGPPCSSRRRNSYDS
Human	YSGPPSGARRRNCYEG
Rat	YSGPPSGPQQQNGYDA
Murine	YSGPPSGPQQQNGYDT
Pig	YSGPPSGARRRNCYDG
Consensus	YSGPPC/SG/S-RRR/QN-YD/E-
Xenopus-A	YNSPPCGSRRRNSYD
Xenopus-B	YNSPPCSSRRRNSYD
Zebra fish	FMGPTCQTRRRNSYD

FIG. 14